Setting up of State Remote Sensing Application Centres

3102. SHRI SANTOSH KUMAR SAHU; Will the PRIME MINISTER be pleased to state:

(a) the steps taken to assist/fund the setting up of State Remote Sensing Application Centres alongwith the details of the States where such cen, tres are proposed to be set up; and

(b) the States where training centres are available or proposed to be set up for providing remote sensing training and manpower development?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI BHUVNESH CHATURVEDI): (a) As a nodal agency of the National Natural Resources Management System (NNRMS), Department of Space (DOS) has been providing technical guidance and limited financial support as seed money to the State governments, which undertake substantial funding for setting up and operation of State Remote Sensing Application Centres. Already 21 States have established Remote Sensing nitres with support from DOS. The funding support provided by Department of Space under the "NNRMS Support to States" is as given in Statement. *(.See* below) DOS is pursuing with the remaining state governments of Arunachal Pradesh, Goa, Nagaland, Meghalaya and other Union Territories for the establishment of Remote Sensing Centres.

(b Towards manpower development in remote sensing applications all the State Remote Sensing Application Centres have a component of training. In addition, the Remote Sensing Centres in Uttar Pradesh, Andhra Pradesh, Gujarat, Karnataka Tamil Nadu, Maharashtra and Rajasthan provide specialised training in specific thematic areas. In addition, the following Centres of DOS provide training programmes at:

—Indian Institute of Remote Sensing, Dehradun.

—National Remote Sensing Agency, Hyderabad.

—Space Applications Centre, Ahmedabad.

—Regional Remote Sensing Service Centres at Balngalore, Dehradun, Kharagpur, Nagpur and Jodhpur.

The following Government and other agencies also conduct training programmes in remote sensing applications:

—Centre of Studies in Resources Engineering, IIT, Bombay.

—Geological Survey of India, Training Institute, Hyderabad.

—Forest Survey of India, Dehradun.

—National Bureau of Soil Survey & Land Use Planning, Nagpur/Bangalore.

—Survey Training Institute, Hyderabad.

—National Institute of Oceanography, Dona Paula, Gao.

Statement

Grants-in-aid provided by dos under "NNRMS support to states" to various state remote sensing application centres.

Financial Year	State	Amt. (Rs. in Lakhs)
1. 1986-87	Tamil Nadu	0.16
2. 1987-88	Madhya Pradesh	12.00
	Orissa	20.00
	Bihar	6.00
	Sikkim	1.14
	Rajasthan	10.00
3. 1988-89	Punjab	12.00
	Bihar	4.00
	Rajasthan	7.00
	Himachal Pradesh	12.00
	Andhra Pradesh	10.00
	Assam	10.00
	Sikkim	5.00
4. 1989-90	Jammu & Kashmir	20.00
	Punjab	8.00
	Bihar	10.00
	West Bengal	10.00
	Mizoram	15.00
	Himachal Pradesh	8.00
	Tripura	6.00
5. 1990-91	Sikkim	3.86
	Andhra Pradesh	10.00
	Haryana	13.00
	Maharashtra	20.00
6. 1991-92	Karnataka	20.00
	Orissa	20.00